



National Park Service

Experience Your America

Historic Preservation Training Center Annual Report

Fiscal Year 2001



NATIONAL PARK SERVICE

Historic Preservation Training Center

4801A Urbana Pike

Frederick, MD 21704

301-663-8206

www.nps.gov/training/HPTC/HPTC.html

SUPERINTENDENT'S MESSAGE

The HPTC was established in November of 1977. Next year we will celebrate our 25th Anniversary. While an Anniversary presents a terrific opportunity to look backwards, the forthcoming transformation of NPS Training and Development makes it critical that the HPTC focus on the months ahead. The Center must address formidable and substantial organizational challenges if we are to continue for another quarter century.

First, our Center needs to quickly develop a plan to achieve a sustainable base of financial support for our educational and training operations that is in balance with our ability to supply quality preservation services to our clients. We are committed to a leadership contribution to the great challenge the NPS faces in developing new preservation talents and abilities for our maintenance workforce.

Over the next twelve months, the Center must also secure a long-term shop training facility lease agreement. We believe we are well prepared to offer state-of-the-art trade and craft training for NPS, DOI, and partner employees. One of the requirements of providing quality employee learning experiences is "walking our own talk" at the HPTC by providing a safe and well-equipped learning environment to our customers. The HPTC hopes to extend our partnership with Frederick City by completing extensive rehabilitation work at our current shop and training facility located in the historic Jenkins Cannery Building in the downtown area.

We will continue to create partnerships throughout the maintenance and preservation communities. Our vision for the Center's future includes expanding employee and partner learning opportunities to include an extensive offering of events for NPS and DOI employees in the career fields of Historic Preservation Skills and Crafts, Maintenance, and Risk Management.

It is very difficult to complete any retrospective review of the past fiscal year without an acknowledgement that unknown after-effects stemming from the September attacks on our nation may impact Park Service functions. Despite all the uncertainty of the last few months, preservation remains our passion. We believe the strength of our commitment to training and historic preservation will help us face the many challenges this organization faces in the months ahead. Products and services that are responsive to the maintenance and preservation needs of the NPS and our partners and are delivered by people who deeply care about timeliness, craftsmanship, and personal relationships, will be in greater demand as we cope with today's challenges. The images of destruction from the recent past have deepened our resolve that the more the world around us has changed, the more the parks we serve need an organization with a mission dedicated to training preservation skills and crafts.

H. Thomas McGrath Jr.
Superintendent

MISSION



The Historic Preservation Training Center is dedicated to the preservation and maintenance of historic structures of the National Park Service and its partners by demonstrating outstanding leadership in preservation education and skills and crafts development.

HPTC ROLE AND FUNCTION

ROLE

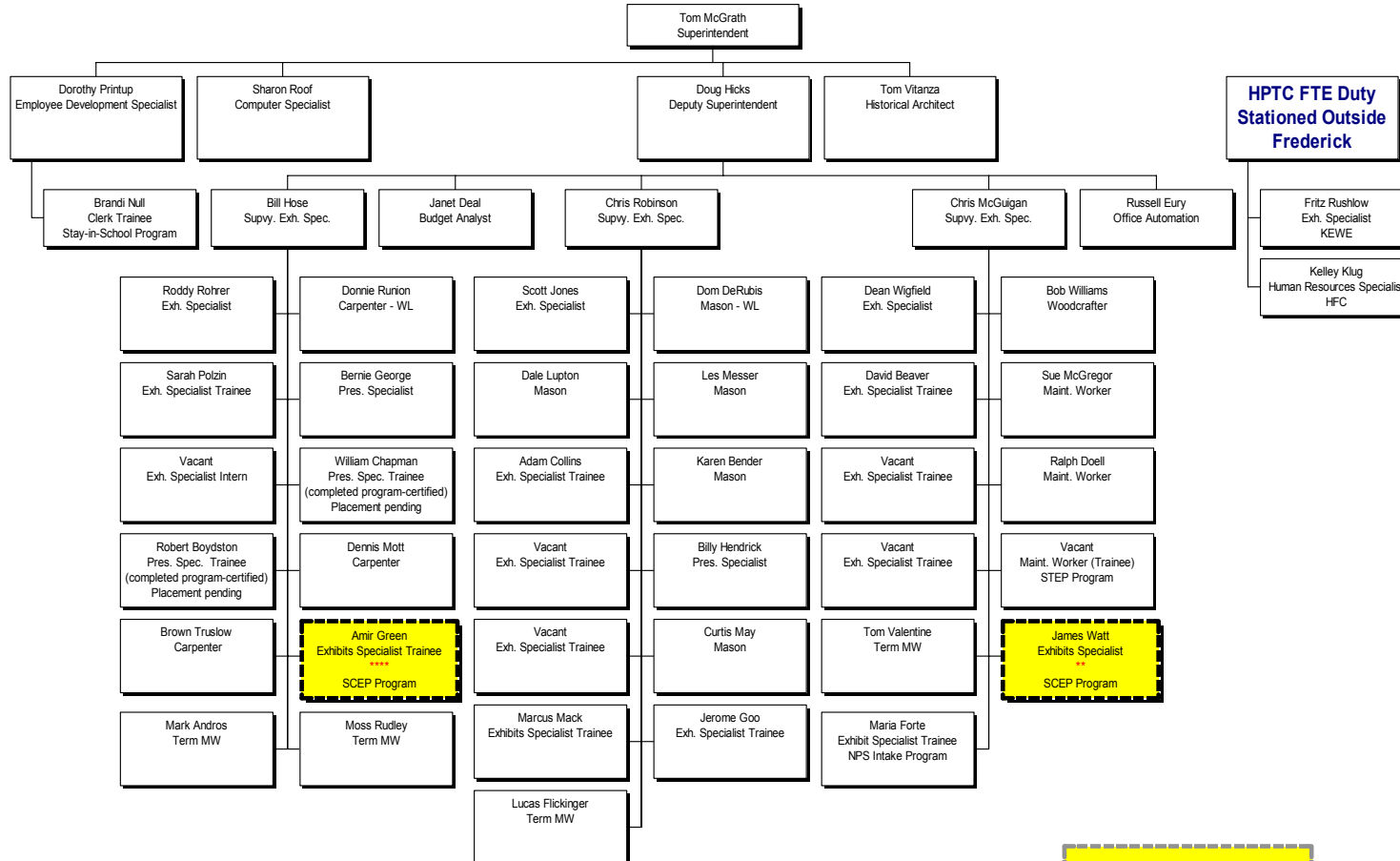
The Superintendent of the Historic Preservation Training Center is under the line supervision of the Chief, Training and Development, WASO. The Superintendent supervises the Deputy Superintendent, Training Manager, Historic Architect, and Computer Specialist. The Center operates with one Deputy Superintendent who manages three subordinate sections: Masonry, Carpentry, and Woodcrafting teams that consist of preservation tradespeople and trainees who work on preservation projects. The Center is a non-appropriated, reimbursable program of the National Park Service. Project work is annually performed for NPS regions, parks, and the Denver Service Center. Projects are also completed on a reimbursable basis for partner agencies in federal, state and local governments.

FUNCTION

The Center operates an on-going developmental training program structured to produce a cadre of trained individuals who are placed in the national park system after certification and three years experience at the HPTC. The Training Center's preservation construction services provided to parks and other federal, state and local organizations use these projects as the training venue for its program participants. The Historic Preservation Training Center also provides preservation technical consultants to other units of the Service, federal agencies, and international preservation organizations. All HPTC work is performed in compliance with the Historic Preservation Act of 1966, as amended, and other relevant federal and state laws and regulations.

January 10, 2002

FY02 HISTORIC PRESERVATION TRAINING CENTER ORGANIZATIONAL CHART



Training Partnerships
(Park FTE Duty Stationed at HPTC)

** NACE FTE
**** CATO FTE

HPTC FY2001 HIGHLIGHTS

- The Historic Preservation Training Center (HPTC) continued or initiated 76 preservation projects in FY2001; three more projects than were undertaken in FY2000. The completed 2001 HPTC projects maintained or improved park or partner historic structures to good condition. The HPTC had approximately 12 uncompleted projects that continued into FY2002, as opposed to 16 uncompleted projects at the end of last year. The decrease in "carry-over" projects was the result of improvements in project management functions that insured projects stayed within the budget and on schedule.

Accurate and continuous account management resulted in FY2001 HPTC obligations ending within our funding ceiling of zero dollars. Project based funding requires the Center to raise its annual operating revenue through earned project income. The annual output of HPTC project work supports the Center's training mission. Our FY01 results were as follows:

FY01 Target Project Revenue -	\$3,117,585
FY01 Actual Gross Project revenue -	\$3,625,783
FY01 Budgeted Operating Expenses -	\$1,039,195
FY01 Actual Operating Expenses -	\$1,133,412

FY01 HPTC revenue and the total number of completed projects marked our 8th consecutive yearly increase where actual revenue has exceeded target revenue.

- Additional progress was made over the last year in the preservation of the Gambrill House. A funded FY01 Cyclic Maintenance project allowed the Center to complete exterior window preservation on two facades of the house. An approved FY01 Repair/Rehab project permitted the Center to install a security and well-water treatment system at the Gambrill House. At the end of the fiscal year, all the exterior preservation work at the South, East, and North elevations, with the exception of window shutter repairs, was completed.

On October 1, 2001, the five-year lease for the HPTC shop facility at the Jenkins Cannery was scheduled to expire. Working through the General Services Administration, a one-year extension on the lease was successfully negotiated. The extension agreement was signed at the end of September 2001. The lease extension allows the HPTC to continue to use and occupy the historic cannery buildings for a sixth year. The Jenkins site is a Frederic City owned property within the East Street Corridor area that is targeted for rehabilitation.

The HPTC Superintendent and Deputy Superintendent worked with Frederick City officials, residents, community groups, and partners throughout FY2001 as participants in the preparation of an East Street Extension Phase I Plan. A preferred

planning alternative that calls for preservation, rather than removal, of the historic Jenkins Cannery buildings, combined with new multi-story adjacent mixed-use development on-site where the HPTC facility currently operates is now before the City Alderman for approval. This document identified retention of the National Park Service presence in downtown Frederick as a plan objective.

- The HPTC trained substantial numbers of NPS maintenance employees in 2001. Over the 12 months of the fiscal year, the HPTC delivered a total of 32 external and internal training events to 670 participants that resulting in 16523 Training Units. Twenty-three external training events were delivered in FY01 to 457 participants, resulting in a total of 4694 Training Units. An active internal training program for HPTC staff and trainees developed another 9 internal training events that were delivered to 213 participants and trainees; the internal training added another 11,829 Training Units to the HPTC totals.

The fourth, two year, PAST 2001 class began training in the first quarter of FY1999. The PAST 2001 class met for their two week Skills II workshop in March 2001 at Gulf Islands NS. The HPTC, commitment to diversity, continued in 2001 with the participation of two African American students from the University of Maryland Eastern Shore, Construction Management Studies, in the HPTC Student Educational Experience Program. FY2001 marked the first time the HPTC participated in the NPS Cultural Resources Diversity Initiative Intern Program with one female student serving a HPTC internship.

- The HPTC was vigilant concerning employee safety throughout FY2001. Significant improvements to the HPTC safety program were accomplished that included: extensive training for the HPTC Safety Officer; re-establishment of the HPTC Safety Committee; implementation of a Medical Monitoring program; establishment of a HPTC Asbestos policy, and creation of a safety web page.

The HPTC Loss Time Incident Rate (LTIR) for the past year declined. The LTIR rate for FY2001 was **2.4**. The HPTC LTIR rate in FY2000 was **2.9**; in FY1999, the rate was **3.4**. The 2001 HPTC rate is based upon a ratio of the loss time for each cases measured in proportion to 83,200 labor hours produced each year by all HPTC staff. This is the third consecutive year that the HPTC safety programs have contributed to lower our LTIR rate.

- Partnerships were again a major emphasis for the HPTC in FY2001. HPTC partnerships, via Cooperative Agreements written in 2001, support working and training with Non-Governmental Organizations and other Federal agencies, State governments, and local governments. The HPTC actively collaborated with numerous organizations by means of formal and informal partnership agreements during the past year. 2001 HPTC partners include: Patuxent Naval Air Station, B&O Railroad Museum, Preservation Trades Network, Catoctin Institute for Regional Studies, Bucks County Community College, Belmont Technical College, Frederick County

Recreation Department, Pennsylvania Historical and Museum Commission, Dry Stone Conservancy, US Army Corps of Engineers, US Department of Agriculture, US Forest Service, Fort Myer/McNair Military Community, US Coast Guard, and the Frederick African American Resources Cultural Heritage Committee. The HPTC continued the partnership project with State of California Mott Training Center to conduct three Association for Preservation Technology/NPS training courses in October 2001.



Photograph 1



Photograph 2

Photograph 1: NCR/HPTC Partnership Student Educational Experience Program participant, Lori Weisgerber, was certified by the HPTC Certification Board as a Historical Maintenance Person on April 18, 2001. Lori was a graduate of the Historic Preservation Program at Belmont Technical College and completed two years of additional training at the HPTC. On April 22, she joined the staff at National Capital Parks-Central as a GS-5 Cultural Resource Specialist where she will be working with the Park Conservator on monument conservation.

Photograph 2: Lois Leyda, a HPTC Student Temporary Educational Experience Program participant tries out the ropes at a two-day OSHA Fall Protection class conducted on June 25-26, 2001 at the Gambrill House. Sixteen HPTC and NCR park maintenance employees attended and were certified at the conclusion of the class.



Photograph 3



Photograph 4

Photograph 3: The Woodcrafting Team works in the Jenkins Cannery yard to complete the reconstruction of four Gribeauval Cannon Carriages for the Lafayette Monument located within President's Park in Washington, DC. The completed carriages were delivered on schedule for a rededication ceremony that was held on Nov. 1, 2000 to celebrate the 200th Anniversary of President Adams moving into the White House.

Photograph 4: HPTC Mason Les Messer displays a hawk with a fresh mix of lime mortar he will use performing brick repairs and repointing work at the Boundary Wall at Ft. McHenry NM.

HPTC FY2001 Projects

Partner/Park	Project Title	Actual Amount	Final Inspection
<i>FY00 Carry Over Projects</i>			
Rock Creek Park, DC	Miller Cabin Stabilization	\$20,000	11/15/00
Delaware Water Gap, PA	Craft Assistance-Metal Roofs	\$6,013	10/27/00
Allegheny Portgage Railroad NHS, PA	Culvert Pres. #1532- Phase IV & Addendum	\$68,253	11/29/00
White House Liaison, DC	Repair Cannon Carriages	\$63,828	10/27/00
Isle Royale NP, MI	Passage Island Light CAR	FY00 Funds	11/28/00
U.S. Department of Agriculture, MD	Log Lodge-Beltsville CAR	FY00 Funds	11/22/00
Hopewell Furnace NHS, VA	Iron Masters House Masonry	FY00 Funds	9/13/00
Rock Creek Park, DC	Dumbarton Oaks Stabilization Phase II & III	\$42,700	11/16/00
Monocacy NB, MD	Gambrill House Rehabilitation- FY01	\$48,000	4/18/01
Rose Hill, MD	Rose Hill Manor Documented Masonry & Win	\$538,359	1/5/01
Harpers Ferry NHP, WV	Package 321-Design Assistance Building 36	FY00 Funds	3/30/01
Harpers Ferry NHP, WV	Package 321-Design Assistance Blacksmith	FY00 Funds	4/30/01
William Howard Taft NHS, OH	Taft House Preservation	\$24,000	5/15/01
United States Coast Guard, VA	Cape Henry Light Windows-NHL	\$56,000	4/26/01
Fort Meyers, Military District of Washington	FMMC-CA#2 Historic Building Surveys	\$98,563	1/18/01
<i>FY01 New Projects: 1st Quarter</i>			
Chesapeake and Ohio Canal, MD	LockHouse #49 Masonry Cleaning	\$2,893	10/26/00
Washington Office, DC	IPTW 2000 Scholarships	\$9,500	11/15/00
George Washington Mem. Parkway, VA	Pope Creek Center Log Preservation	\$22,000	11/8/00
Hopewell Furnace NHS, PA	Iron Master's House-HSAR Phase I	\$16,595	1/8/01
Castillo de San Marcos NM, FL	Craft Assistance-Woodcrafting-I	\$25,084	12/21/00
Hawaii Volcanoes NP, HI	Project Assistance Thurston Lava Tube	\$5,347	9/28/01
Army Corp of Engineers, WA	Instructors Workshop	\$1,035	9/28/01
Fort Hayes, OH	Roof Repair Site Investigation	\$2,498	2/15/01
Harpers Ferry NHP, WV	Package 349 - Bldg #15 Exterior	\$147,820	6/20/01
Castillo de San Marcos NM, FL	Craft Assistance-Masonry 1 & 2	\$183,243	3/1/01
U.S. Department of Agriculture, MD	BARC Log Lodge Preservation, Phase I	\$43,311	9/28/01
Rose Hill, MD	Interior Surfaces Preparation	\$36,953	2/8/01
Frederick County Dept. of Recreation, MD	Fountain Rock Kiln-Tech. Assistance	\$5,563	5/1/01
Fort McHenry NM & Historic Shrine, MD	Test Cleaning Bombproof Walls	\$3,989	11/2/00
<i>2nd Quarter</i>			
Vicksburg NMP, MS	Preservation of the Mississippi Memorial	\$373,870	01/15/02
Fort McHenry NM & Historic Shrine, MD	Preservation Boundary Wall/Coping Stone	\$274,944	01/15/02
Canaveral NS, FL	Caretakers/Instone Houses Stabilization	\$30,006	04/05/01
Manassas NBP, VA	Emergency Structure Stab. Henry House	\$5,024	04/27/01
Harpers Ferry NHP, WV	Harper House East Porch-Building 1A	\$41,327	04/19/01
Harpers Ferry NHP, WV	West Point Ruins-Phase I	\$31,879	04/19/01
Castillo de San Marcos NM, FL	Craft Assistance-Woodcrafting-II	\$18,979	02/16/01
Hopewell Furnace NHS, PA	Stabilization Anthracite Furnace-Phase I	\$7,019	05/01/01
Washington Office, DC	PAST 2001-Skills III @ Gulf Islands	\$71,250	4/6/01
Death Valley NP, CA	Hite Intake Training Program Detail	\$6,000	2/2/01
Naval Air Station, Patuxent River, MD	Patuxent NAS- Point Lookout Light	\$25,264	9/5/01
Hawaii Volcanoes NP, HI	Craft Assistance	\$28,064	4/3/01
Manassas NBP, VA	Sudley PO Investigation	\$3,600	4/11/01
Mammoth Cave NP, KY	Bell's Tavern Survey	\$3,111	1/31/01

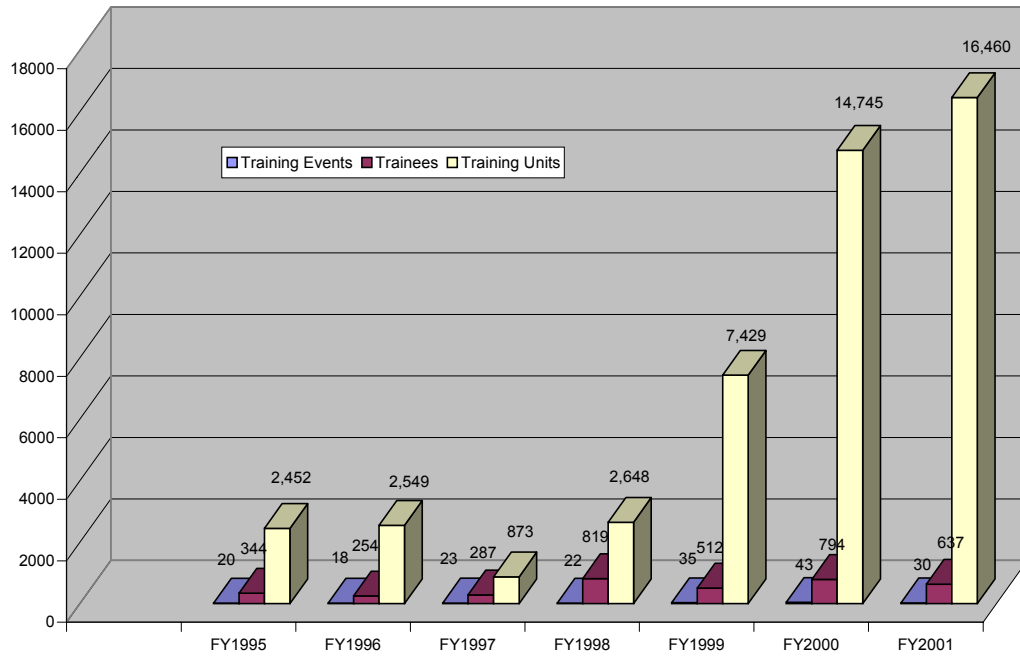
HPTC FY2001 Projects (continued)

Rose Hill, MD	Interior Painting-Main House	\$28,021	3/8/01
3rd Quarter			
Dry Tortugas, FL	Shot Furnace Craft Assistance	\$7,463	5/24/01
Great Smoky Mountains NP, TN	Wonderland Hotel Condition Assessment	\$7,179	5/18/01
Rose Hill, MD	Ext. Wood Features & Portico	\$22,933	6/6/01
Rose Hill, MD	Repair Structural Elements	\$9,507	3/28/01
Castillo de San Marcos NM, FL	Craft Assistance-Woodcrafting-III	\$9,228	4/26/01
Warren's Air Force Base, WY	Log Structure Technical Assistance	\$5,000	5/3/01
Manassas NBP, VA	Sudley PO Investigation	\$3,600	4/5/01
Indiana Dunes National Lakeshore, IN	Bailly Homestead Assessment	\$3,045	9/28/01
Dayton Aviation Heritage NHP, OH	Wright Bros. Cycle Shop Preservation	\$2,885	5/15/01
U.S. Department of Agriculture, MD	Log Lodge Visitor Center Phase II	\$145,412	7/18/01
Guadalupe Mountains NP, TX	Pratt Lodge Preservation**	\$79,431	7/2/01
Delaware Water Gap NRA, PA	Stone Bridge Scoping	\$1,304	9/28/01
Harpers Ferry NHP, WV	Design Assistance- Package 110(sky)	\$7,500	9/10/01
Harpers Ferry NHP, WV	West Point Ruins-Phase II	\$114,121	10/25/01
4th Quarter			
Indiana Dunes National Lakeshore, IN	Bailly Homestead Ext. Millwork	\$74,263	9/7/01
Rose Hill, MD	Roof, Gutter, and Dormer Repair	\$32,419	8/7/01
Petrified Forest, AZ	Preservation Awareness Workshop	\$10,550	7/28/01
Historic Preservation Training Center, MD	Title VIII Gambrill Water & Security	\$25,444	8/16/01
Washington Office, DC	Preservation Worker Safety	\$9,500	8/17/01
United States Forest Service, CA	Tallac Historic Site-Baldwin Cabin	\$121,649	10/9/01
Historic Preservation Training Center, MD	T&D Cyclic Maintenance Gambrill House	\$44,000	9/28/01
Monocacy NB, MD	Best Farmhouse Windows/Stabilization	\$18,000	01/15/02
Shenandoah NP, VA	Rapidan Camp Preservation - Phase II	\$171,856	9/11/01
Keweenaw NHP, MI	Project Management	\$58,054	10/01/01
Harpers Ferry NHP, WV	Design Assistance- Building 14	\$7,500	9/10/01
Harpers Ferry NHP, WV	Design Assistance- Building 45A	\$10,000	9/10/01
Dry Tortugas, FL	Scarp Wall & Embrasure Preservation	\$75,019	9/20/01
Canaveral NS, FL	Masonry Structures - Eldora Complex	\$8,439	9/20/01
Rock Creek Park, DC	Dumbarton Oaks-Consult	\$3,400	9/28/01
United States Forest Service, MT	MaGruder Ranger Station Scoping	\$4,830	9/28/01
Rock Creek Park, DC	Rostrum Roof	\$37,573	10/16/01
Lassen Volcanic NP, CA	Museum Needs Assessment	\$3,293	9/28/01

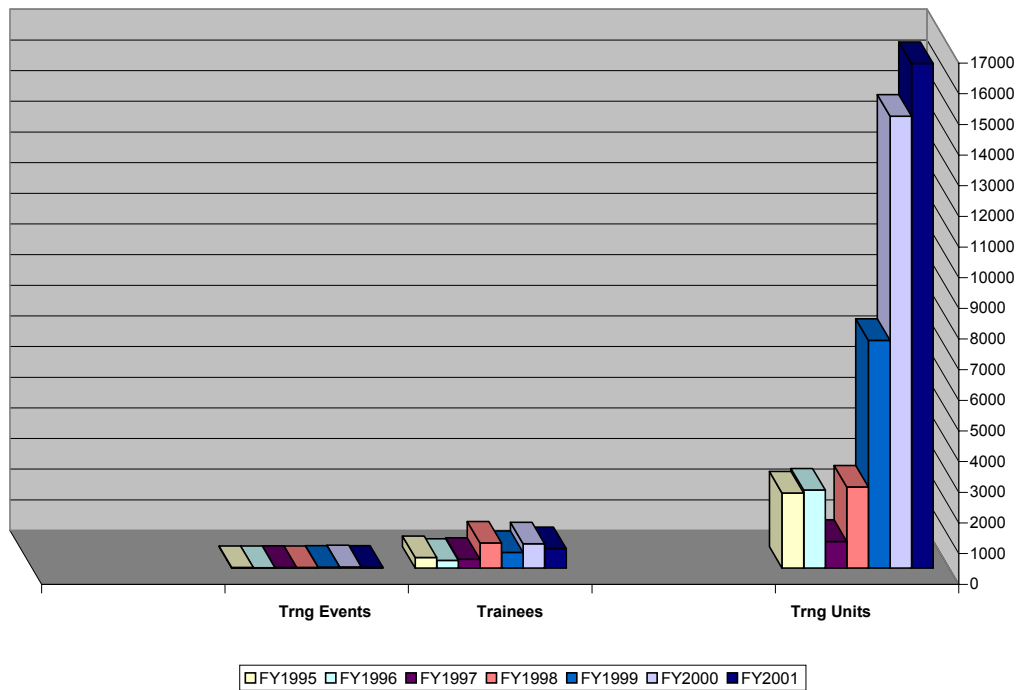
HPTC FY 2001 TRAINING REPORT

TRAINING DELIVERED	NUMBER ATTENDED	LENGTH (DAYS)	TRAINING UNITS
External Programs			
Preservation Woodcrafting: Windows	12	5	60
Window Repair Workshop	3	3	9
Flat Seam Metal Roof Installation Training	3	9	27
Introduction to Metal Roofing	6	1	6
IPTW 2000	50	3	150
Plaster Repair Workshop	4	5	20
Painting Workshop	10	5	50
PAST 2001 Skills II Workshop	22	8	176
Intermediate Shaper Use and Custom Millwork Replica.	3	5	15
Intermediate Shaper Use and Custom Millwork Replica.	3	5	15
Historic Fencing Restoration and Retaining Wall Fund.	6	2	12
Intermediate Shaper Use and Custom Millwork Replica.	3	5	15
ACOE Historic Structures I	30	5	150
Fall Protection	16	2	32
Hands On Approaches for Maintenance	21	10	210
Safety Awareness for Maintenance	22	4	88
PAST Mini Window Workshop	4	5	20
PAST Mini Workshop—FOCL	8	8	64
Historic Orchard Preservation Workshop	60	4	240
PAST Mentor Site Visits	15	20	280
Three Year Program in Historic Preservation	12	Varied	1,375
Crossover Assignment in Historic Preservation	14	165	1,550
Lead Paint Hazards in Historic Lighthouses	130	1	130
Subtotal: Programs: 23	457		4,694
Internal Programs			
Smart Pay Purchase Card Refresher	25	1	25
Secretary of the Interior Standards Seminar	11	1	11
Asbestos Seminar	20	1	20
CPR Refresher/Standard First Aid Refresher	13	1	13
Travel Seminar	30	1	30
Lotus Notes Training	23	1	23
COTR Training	7	4	28
On-line Smart Pay Training	16	1	16
Training Attended by Individuals	68	Varied	11663
Subtotal: Programs: 9	213		11,829
GRAND TOTAL: Programs: 32	670		16,523

**HPTC Training Statistics Summary
FY1995-FY2001**



HPTC Summary Statistics of Training



FINANCIAL STATEMENT FY-2001

Total Project Revenue **\$3,625,783.49**

Operating Expenses:

Personnel Compensation & Benefits \$427,393.00

Annual & Sick Leave Compensation \$372,399.00

Training \$96,633.00

Travel & Transportation of Persons \$50,092.00

Travel & Transportation of Things \$12,041.64

Rent, Communication, Utilities \$33,705.18

Printing & Reproduction \$16,918.77

Other Services \$38,598.51

Supplies & Materials \$27,514.00

Equipment \$20,017.66

HFC Administrative Support \$38,100.00

Total Operating Expenses \$1,133,412.76

Overhead Derived from Project Revenue **\$1,133,412.76**
